PATENT COOPERATION TREATY

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| PCTA9512-825 | FOR FURTHER ACTION as well a | see Form PCT/ISA/220 s, where applicable, item 5 below. |
|---|---|--|
| International application No. | International filing date (day/month/year) | (Earliest) Priority Date (day/month/year) |
| PCT/KR2006/000071 | 06 JANUARY 2006 (06.01.2006) | 06 JANUARY 2005 (06.01.2005) |
| Applicant CJ Corporation et al | | |
| This International search report has been to Article 18. A copy is being transmitted | prepared by this International Searching Authority to the International Bureau. | and is transmitted to the applicant according |
| This international search report consists of the latest transfer of | f a total of 5 sheets. copy of each prior art document cited in this report | . · |
| Basis of the report a. With regard to the language, the language in which it was filed, u | e international search was carried out on the basis unless otherwise indicated under this item. | of the international application in the |
| The international sea this Authority (Rule | rch was carried out on the basis of a translation of t 23.1(b)). | the international application furnished to |
| b. With regard to any nucleot | ide and/or amino acid sequence disclosed in the i | nternational application, see Box No. I. |
| 2. Certain claims were found | d unsearchable (See Box No. II) | * |
| 3. Unity of invention is lacki | ng (See Box No. III) | |
| 4. With regard to the title, | | • |
| the text is approved as subn | nitted by the applicant | • |
| | d by this Authority to read as follows: | • |
| the text has been established | d by this Authority to lead as follows. | • - |
| | | |
| | | |
| - • | | |
| | | |
| | • | |
| | • | |
| | | |
| 5 With record to the above of | • | |
| 5. With regard to the abstract, | · · · · · · · · · · · · · · · · · · · | |
| the text is approved as subm | • | |
| | d, according to Rule 38.2(b), by this Authority as it | |
| may, within one month from | n the date of mailing of this international search rep | oort, submit comments to this Authority. |
| 6. With regard to the drawings, | | |
| | published with the abstract is Figure No. | my |
| as suggested by the ap | - | (63/No. 19 19 19 19 19 19 19 19 19 19 19 19 19 |
| <u>=</u> | failed to suggest a figure. | 2006. 4. 2 4 b |
| · — | ter characterizes the invention. | 2000. 4. 24 |
| b. none of the figure is to be p | ublished with the abstract. | कि शक्ति सम्बद्धाः सम्बद्धाः |
| | | |

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2006/000071

Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet) This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: Claims Nos.: 7 because they relate to subject matter not required to be searched by this Authority, namely: The subject matter of claim 7 do not required an international preliminary examination with respect to industrial applicability as it is a method of treating or preventing obesity and related disorders, depression, Parkinson's disease and so on. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: 3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule, 6.4(a). Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: The additional search fees were accompanied by the applicant's protest and, where applicable, the Remark on Protest payment of a protest fee. The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation. No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2006/000071

A. CLASSIFICATION OF SUBJECT MATTER

C07C 211/29(2006.01)i, A61K 31/135(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 8 C07C, A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and Applications for Inventions since 1975.

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) CAS on line

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. | |
|------------|---|-----------------------|--|
| Х | WO 98/13034 A1 (KNOLL AG , KELLY PETER FINIAN , JONES STEPHEN PAUL) 2 April 1998 see the whole documents | 1-6 | |
| X . | US 6,331,571 B1 (Sepracor, Inc) 18 December 2001 see the whole documents | 1-6 | |
| A | WO 95/21615 A1(THE BOOTS COMPANY PLC BUCKETT, William, Roger) 17 August 1995 see the whole documents | 1-6 | |
| A. | WO 00/56313 A1(KNOLL PHARMACEUTICAL COMPANY) 28 September 2000 see the whole documents | 1-6 | |
| Α . | WO 00/56310 A1(KNOLL PHARMACEUTICAL COMPANY) 28 September 2000 see the whole documents | 1-6 | |
| | | | |
| | | | |

| | Further do | cuments are | listed in | the continuation | of Box C. |
|--|------------|-------------|-----------|------------------|-----------|
|--|------------|-------------|-----------|------------------|-----------|

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- 'O" document referring to an oral disclosure, use, exhibition or other
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of mailing of the international search report

Date of the actual completion of the international search

13 APRIL 2006 (13.04.2006)

14 APRIL 2006 (14.04.2006)

Name and mailing address of the ISA/KR

Authorized officer

Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

LEE, Suk Ju

Telephone No. 82-42-481-8149





Information on patent family members

International application No.

PCT/KR2006/000071

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|----------------------------|-------------------------|
| W09813034A1 | 02.04.1998 | · AU4774197A | 17.04.1000 |
| 109013034A1 | 02.04.1996 | | 17.04.1998 |
| | | AU724645B2 | 28.09.2000 |
| | | BG103249A | 30.09.1999 |
| | | BR9711411A CN1231605A | 17.08.1999 |
| · | | | 13.10.1999 |
| • . | | EP0973511A1 HU9903823A2 | 26.01.2000 |
| | • | | 28.06.2000 |
| · | • | JP2001500883T | 23.01.200 |
| | | N0991424A PL332367A1 | 24.03.1999 |
| | | SK32099A3 | 13.09.1999 |
| | | TR9900648T2 | 10.12.1999 |
| | • | US6187820B1 | 21.06.1999 13.02.200 |
| | | W09813034A1 | 02.04.1998 |
| • | | 11090 13034A 1 | 02.04.1990 |
| US 6,331,571 B1 | 18.12. 2001 | EP1107746 A2 | 20.06.200 |
| | 101121 2001 | EP1107746 B1 | 13.04.2004 |
| · | • | W0200010551A3 | 21.09.2000 |
| | • | JP2002523366T2 | 30:07.2002 |
| | | | , |
| W09521615A1 | 17.08.1995 | AU1578295A1 | 29.08.1995 |
| | | GB9426416A0 | 01.03.1995 |
| W00056313A1 | 28.09.2000 | AU200037578A5 | 09.10.2000 |
| • | · | BG105997A | 28.06.2002 |
| | | ` BR200009159A | 26.12.2001 |
| | | CA2367021AA | 28.09.2000 |
| | | EP1162965A1 | 19.12.2001 |
| | | IL145241A0 | 30.06.2002 |
| | | JP2002539251T2 | 19.11.2002 |
| | | KR1020020000784 | 05.01.2002 |
| - | • | MXPA01009467A | 19.03.2004 |
| | | N020014480A | 02.11.2001 |
| | • | N020014480A0 | 14.09.2001 |
| | • | SK200101335A5 | 05.03.2002 |
| | | W0200056313A1 | 28.09.2000 |
| W00056310A1 | 28.09.2000 | AU200038953A5 | 09.10.2000 |
| | | W0200056310A1 | 28.09.2000 |

| | Care of the care o | |
|---------------------------------------|--|--|
| INTERNATIONAL SEARCH REPORT | International application No. | |
| | PCT/KR2006/000071 | |
| | TOMBOOK STATE | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | • | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | • | |
| | | |
| | • | |
| | | |
| | | |
| | | |
| i , ' | | |
| · · · · · · · · · · · · · · · · · · · | | |
| | | |
| | • | |
| | | |
| | : | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| • | | |
| | | |
| | | |
| | | |

Form PCT/ISA/210 (extra sheet) (April 2005)